SRFB General Application Information

Project Name WRIA 16 BMP implementation

Project Types:

- ☐ Acquisition
- ☐ Estuarine/Nearshore
- ☒ Riparian
- ☐ Passage, Diversion, Barrier Inventory/Design
- ☐ Non-Capital
- ☐ Upland
- ☐ In-Stream

Applicant / Organization Information

Organization Name Mason Conservation District

Organization Type (check one)

- ☐ City/Town
- ☐ County
- ☒ Conservation District
- ☐ Native American Tribe
- ☐ Non-profit Organization
- ☐ RFEG
- ☐ Special Purpose District
- ☐ State Agency

Organization Address

Address 450 W Business Park Road

City/Town Shelton

State, Zip Wa 98584

Telephone # 360-427-9436 FAX # 427-4396

Internet e-mail address shannonkirby@masoncd.org Website URL masoncd.org

Project Contact Information

Complete one for each contact.

☐ Mr. ☒ Ms. Title Environmental Specialist

First Name Shannon Last Name Kirby

☒ Primary Contact OR ☐ Alternate Contact

Contact Mailing Address

Address 450 W business Park rd

City/Town Shelton

State, Zip 98584

shannonkirby@masoncd.org

Work Telephone # 360-427-9436 ext 15

FAX # 360-427-4396

Internet e-mail address:

Application Questionnaire

All applicants must answer the following questions.

Cost Efficiencies

For any grants listed in the Summary of Funding Request and Match Contribution Section, are there any restrictions on the use of these grant funds? When and how long will the grant funds be available to this project?

Funding for MCD's Skokomish TMDL Centennial Grant, ends in December 2007. No cost-share dollars are left in this grant; limited funds remain for technical assistance. MCD's Centennial Critical Area Buffer Restoration Grant will provide funding for limited buffer-related activities through 2010.

Describe the type of donated labor (skilled and unskilled), donated equipment, and donated materials that will be used for this project, identified in the Summary of Funding Request and Match Contribution Section.

Landowner match will primarily be provided in the form of labor.

Land Ownership

What type of landowner currently owns the property? (Federal, Local, Private, State or Tribal.)

Private

What is the current land use of the site, and its history? Describe past human uses and salmon habitat functions. Are there any structures on site?

The Skokomish Valley is a floodplain basin that historically supported large salmon runs and continues to support declining fish populations that are stressed by extensive land use and low summer flows. It is also a historical center of agricultural activity.

Worksite Location Data

What are the geographic coordinates of the work site(s) (in degrees, minutes, and seconds)? [If you do not have them, you may leave this question blank.]

What is the township/range/section of the work site(s)?

The focus area is comprised of: Township 21/ Range 3 West / multiple sections.

In what county(s) is the work site(s) located? In what city, if applicable?

Mason

In what Water Resource Inventory Area(s) (WRIA) is the work site located? (Provide WRIA name and WRIA number.)

Skokomish/Dosewallips Watershed Resource Inventory Area 16

Is the work site on a stream and/or other waterbody? If yes, name the stream and/or waterbody. If the stream is a tributary of a larger stream, also name the larger stream. If you know the river mile, list it here.

The area of focus includes the Skokomish River, Vance Creek, Weaver Creek, Purdy Creek, Ten-acre Creek, 5-Mile Creek, Skobob Creek, Hunter Creek, and the lower Hood Canal region.

Is your work site(s) located within estuarine or saltwater habitat? If so, name it. How close is it to fresh water systems? Name any other estuary or habitat adjacent to this site.

Varies depending on landowner.

Is the work site(s) located within a park, wildlife refuge, natural area preserve, or other recreation or habitat site? If yes, name the area.

n/a

Current Landowner(s) of the site (name and address). Remember to complete the Landowner Willingness Form.

Cooperating landowners in this area are identified based on impact to salmon habitat and proximity to surface water. There are numerous landowners in the area and focused outreach will capture additional cooperators throughout the grant period.

Driving Directions (provide directions that will enable staff to locate the project):

Varies

Non-profit organizations must answer the following questions.

Is your organization registered as a non-profit with the Washington Secretary of State? If so, what is your Unified Business Identifier (UBI) number?

601057595

What date was your organization created?

1956

How long has your organization been involved in salmon and habitat conservation?

Mason Conservation District has been involved with natural resource protection since its inception.

Short Description of Project

Describe project, what will be done, and what the anticipated benefits will be in 1500 characters or less.

NOTE: Many audiences, including the SRFB, SRFB's Technical Review Panel, media, legislators, and the public who may inquire about your project use this description. Provide as clear, succinct, and descriptive an overview of your project as possible – many will read these 1-2 paragraphs!

The description should state what is proposed. Identify the specific problems that will be addressed by this project, and why it is important to do at this time. Describe how, and to what extent, the project will protect, restore, or address salmon habitat. Describe the general location, geographic scope, and targeted species/stock. This short description should be the summary of the detailed proposal set out under the Evaluation Proposal, with particular emphasis on questions 1-4.

The database limits this space to 1500 characters (including spaces); any excess text will be deleted.

The Skokomish River system provides valuable habitat for species of fish such as Chinook, Coho, and chum salmon; steelhead; and various trout. Chinook salmon and summer chum in this basin are listed. The Skokomish River Detailed Implementation Plan, (Hempleman, DOE, 2/03, pg. 5) states that "agricultural practices are likely the primary source of bacteria in the area of most concern." Poor agricultural practices are linked to water quality problems and degraded salmon habitat. High levels of nutrient loading, streambank erosion issues and loss of riparian cover result. Several water bodies are 303(d) listed under the Clean Water Act. Agricultural activities and riparian vegetation removal have contributed to higher stream temperatures, lower dissolved oxygen, increased fecal coliform contamination, and over all water quality degradation. Mason Conservation District (MCD) plays a central role in improving agricultural practices within WRIA 16 area. In response to the Skokomish River Detailed Implementation Plan (TMDL), Mason Conservation District will provide technical and financial assistance to landowners in WRIA 16 area. MCD will provide conservation plans and technical support to implement best management practices that protect water quality and salmon habitat. The MCD will work with farms throughout the WRIA 16 area. Without these funds, MCD will have no dedicated funds to assist Skokomish Valley agricultural landowners after December 31, 2007.

Salmonid Species Information

Identify one or more targeted Salmonid species (directly on-site, indirectly down stream or within the rearing/migration corridor) whose habitat conditions you are attempting to improve or protect. Select one Primary Species.

Salmonid Species	Species Targeted (select as many as apply)	Primary Species (select only one)
Bull Trout	☒	☐
Chinook	☒	☒
Chum	☒	☐
Coho	☒	☐
Cutthroat	☒	☐
Pink	☒	☐
Sockeye	☐	☐
Steelhead	☒	☐

Habitat Factors Addressed

Identify one or more Habitat Factors being addressed by this Project and select one Primary Factor.

Habitat Factors	Project Addresses (select as many as apply)	Primary Factor (select only one)
1. Biological Processes	☒	☐
2. Channel Conditions	☒	☐
3. Estuarine and Near-shore Habitat	☐	☐
4. Floodplain Conditions	☒	☐
5. Lake Habitat	☐	☐
6. Loss of Access to Spawning and Rearing Habitat	☐	☐
7. Riparian Conditions	☒	☐
8. Streambed Sediment Conditions	☒	☐
9. Water Quality	☒	☒
10. Water Quantity	☐	☐

Species/Habitat Factors Information Sources

For Species Information provide the source and indicate if the species listed are directly on-site at some point in their life stage (i.e. SaSI, WDFW Stream Catalog, Stream Survey/Field Observation, Limiting Factors Distribution Maps).

For Habitat Factors Information list the study/report and date identifying the habitat factors for your project (i.e. SaSI, limiting factors analysis, watershed analysis, other assessments, or studies).

Study Name	Author	Date
Skokomish TMDL	DOE	2001
Skokomish DIP	DOE	2004
Annas Bay closure response strategy	Mason County	2007
Hood Canal Low Dissolved Oxygen PACA, version 1	PSAT, HCCC	2004

Summary of Funding Request and Match Contribution

Remember to update this section whenever changes are made to your cost estimates.

TOTAL PROJECT COST (A + B) **(Sponsor Match & SRFB Contribution)**			$269,400
A. Sponsor Match Contribution (15% minimum is required for match)			
Appropriation/Cash		$	
Bonds - Council		$	
Bonds - Voter		$	
Cash Donations		$	
Conservation Futures		$	
Donations			
Donated Equipment		$	
Donated Labor		$	
Donated Land		$	
Donated Materials		$	
Donated Property Interest		$	
Force Account			
Force Acct - Equipment		$	
Force Acct - Labor		$	
Force Acct - Material		$	
Grants*			
Grant - Federal		$	
Grant - Local		$	18,500
Grant - Private		$	
Grant - State		$	34,500
Grant - IAC	$		
Grant - Other	$		
Total Sponsor Match Contribution 15% Minimum Match Required of A. TOTAL PROJECT COST			$53,000
B. SRFB Contribution (grant request) $5,000 Minimum Request			$216,400

***Note, be sure to identify the name and type of any matching grant in the Application Questionnaire Section.**

Note: The Total Project Cost must equal the totals from the following Cost Estimate Sections.

Permits

Check the appropriate boxes to indicate required and/or anticipated permits.
General permit information can be obtained at the Dept. of Ecology Permit Assistance Center 1-800-917-0043 or on their Internet site http://www.ecy.wa.gov/programs/sea/pac/index.html.

Permits	Comments Regarding Permit Status
☐ Aquatic Lands Use Authorization *(Dept of Natural Resources)*	
☐ Building Permit *(City/County)*	
☐ Clear & Grade Permit *(City/County)*	
☐ Cultural Assessment [Section 106] *(CTED-OAHP)*	
☐ Dredge/Fill Permit [Section 10/404 or 404] (*US Army Corps of Engineers)*	
☐ Endangered Species Act Compliance [ESA] *(US Fish & Wildlife/NMFS)*	
☐ Forest Practices Application [Forest & Fish] (*Dept of Natural Resources)*	
☐ Health Permit *(Dept of Health/County)*	
☒ Hydraulics Project Approval [HPA] *(Dept of Fish & Wildlife)*	To be submitted
☐ NEPA *(Federal Agencies)*	
☐ SEPA *(Local or State Agencies)*	
☐ Shoreline Permit *(City/County)*	
☐ Water Quality Certification [Section 401] *(County/Dept of Ecology)*	
☐ Water Rights/Well Drilling Permit *(Dept of Ecology)*	
☒ Other Required Permits (identify)	Mason County Floodplain Compliance
☐ None – No permits Required	

Restoration Cost Estimate ~ Riparian

RIPARIAN HABITAT includes those freshwater, marine near-shore, and estuarine items that affect or will improve the riparian habitat outside of the ordinary high water mark or in wetlands. Items may include plant establishment/removal/management, livestock fencing, stream crossing, and water supply.

Complete only items that apply to your project.
TOTAL COST must include the SRFB and Sponsor's Match Contribution.
Use only whole dollar amounts.

Item	Unit	Qty.	Total Cost	Description Needed	Description (60 characters max.)
Livestock fencing	Linear ft	3,000	25,000	Material	Riparian fencing (wood, wire, etc).
Livestock stream crossing	Lump sum	2	1,000	Describe	Restrict animal access to water by installing crossings.
Livestock water supply	Lump sum	2	700	Describe	Alternative watering sources replace animal access to water.
Log control (weir)	Each			Optional	
Permits	Lump sum	tbd	10,000	Optional	
Plant removal/ control	Acres			Optional	
Riparian plant installation	Sq ft	tbd	20,000	Describe	Riparian restoration/enhancement for stream bank erosion etc
Riparian plant materials	Each	est. 3,000	10,000	Describe species	Native riparian restoration plants as specified through NRCS
Rock control (weir)	Each			Optional	
Signage	Each			Describe	
Site maintenance	Lump sum	100 acres	7,000	Describe	Land mgmnt to reduce stream sedimentation/nutrient loading.
Wetland restoration	Acres			Describe	
Woody debris placement	Each			Describe	
Sales Tax	**6,117**				
Sub-Total	**73,700**				
Architecture, Engineering, & Admin. (30% of Sub-Total)	**23,183**				
TOTAL COSTS	**103,000**				

Goal and Objective and Measurements ~ Riparian

Select <u>one</u> goal and <u>one</u> objective that best fits your project and respond to the measurements for that goal and objective.

Goal: The goal of the project is to connect isolated freshwater wetland habitat to increase the range and distribution of salmon.	☐
Objective: The objective of the project is to increase access to freshwater wetland side channels, oxbows, and other channels.	
Measurement: Amount of artificial wetland area created? [Acres of artificial wetland proposed to be created and actually created from an area not formerly a wetland.]	Acres
Measurement: Amount of wetland area of invasive species treated? [The acreage of invasive species proposed for treatment and actually treated in the wetland project. The proposed project area may only be a portion of an existing wetland such as removing an area of purple loosestrife.]	Acres
Measurement: Amount of wetland area treated? [Acres of wetland proposed for treatment and actually treated. Note: Include acres of invasive species proposed for treatment or treated.]	Acres
Measurement: Average stream width, in feet, upstream of barrier [Report the average width of the stream upstream from the barrier.]	Average width in feet
Measurement: Length of stream section treated. [One side only]	Miles
Measurement: Length of streambank treated for stabilization. (If both sides, add lengths).	Miles
Measurement: Length of instream habitat treated, except for bank stabilization. (One side only).	Miles
Measurement: Percent rearing habitat opened up? [Report the percent of rearing habitat that is being opened up as a result of this project.]	% Rearing
Measurement: Percent spawning habitat opened up? [Report the percent of spawning habitat that is being opened up as a result of this project.]	% Spawning
Goal: The goal of the project is to restore native riparian vegetation along salmon bearing streams.	☐
Objective: The objective of the project is to restore natural streamside vegetation, improve stream temperature, reduce erosion, filtration, and recruit large woody debris.	
Measurement: Amount of riparian area treated except for invasive species treatment? [This refers to the total riparian acres proposed and actually treated. Examples of treatment include riparian plantings, or protection of riparian zone with a fence. Note: Report the invasive species separately.]	Acres
Measurement: Amount of riparian area treated for invasive plant species? [This refers to the acres of invasive plant species proposed and actually treated. An invasive species is a plant species that is recognized by the State or Tribe as an invasive species.]	Acres
Measurement: Length of riparian stream bank treated? [This refers to meander miles of stream bank proposed for treatment and treated. Report the actual length of proposed treatment, adding lengths of treatment on both sides if treatment was on both sides.]	Miles
Measurement: Length of stream section treated. [One side only]	Miles

Goal and Objective and Measurements
Riparian (Combination projects only)

Select <u>one</u> goal and <u>one</u> objective that best fits your project and respond to the measurements for that goal and objective.

Goal: The goal of the project is to protect and connect isolated freshwater wetland habitat to increase the range and distribution of salmon.	☐
Objective: The objective of the project is to protect and increase access to freshwater wetland side channels, oxbows, and other channels.	☐
Measurement: Amount of artificial wetland area created? [Acres of artificial wetland proposed to be created and actually created from an area not formerly a wetland.]	Acres
Measurement: Amount of wetland area of invasive species treated? [Acres of invasive species proposed for treatment and actually treated in the wetland project. The project area may only be a portion of an existing wetland such as removing an area of purple loosestrife.]	Acres
Measurement: Amount of wetland area treated? [Acres of wetland proposed for treatment and actually treated. Include acres of invasive species proposed for treatment or treated.]	Acres
Measurement: Average stream width, in feet, upstream of barrier [Report the average width of the stream upstream from the barrier.]	Feet
Measurement: Length of stream bank protected through land acquisition/easement/lease. [If both sides, add lengths].	Miles
Measurement: Length of stream section treated. [One side only]	Miles
Measurement: Length of streambank treated for stabilization. (If both sides, add lengths).	Miles
Measurement: Length of instream habitat treated, except for bank stabilization. (If both sides, add lengths).	Miles
Measurement: Percent rearing habitat opened up? [Report the percent of rearing habitat that is being opened up as a result of this project.]	% Rearing
Measurement: Percent spawning habitat opened up? [Report the percent of spawning habitat that is being opened up as a result of this project.]	% Spawning
Goal: The goal of the project is to protect and restore native riparian vegetation along salmon bearing streams.	☒
Objective: The objective of the project is to protect and restore natural streamside vegetation, improve stream temperature, reduce erosion, filtration, and recruit large woody debris.	
Measurement: Amount of riparian area treated except for invasive species treatment? [The total riparian acres proposed and actually treated. Examples include riparian plantings, or protection of riparian zone with a fence. Note: Report the invasive species separately.]	500 Acres
Measurement: Amount of riparian area treated for invasive plant species? [This refers to the acres of invasive plant species proposed and actually treated. An invasive species is a plant species that is recognized by the State or Tribe as an invasive species.]	Acres
Measurement: Length of riparian stream bank treated? [This refers to meander miles of stream bank proposed for treatment and treated. Report the actual length of proposed treatment, adding lengths of treatment on both sides if treatment was on both sides.]	Miles
Measurement: Length of stream bank protected through land acquisition/easement/lease. (If both sides, add lengths)	Miles
Measurement: Length of stream section treated. [One side only]	Miles

Riparian Projects
Application Materials Checklist

Application Materials must be submitted for each project on the lead entity list.

Available in PRISM	✓	Item	Section
✓		**General Application Information**	Section 2
✓		Applicant / Organization Information	Section 2
✓		Project Contact Information	Section 2
✓		Application Questionnaire (cost efficiencies, land ownership, worksite location)	Section 2
✓		Short Description of Project	Section 2
✓		Salmonid Species Information	Section 2
✓		Habitat Factors Addressed	Section 2
✓		Species/Habitat Factors Information Sources	Section 2
✓		Summary of Funding Request and Match Contribution	Section 2
✓		Permits	Section 2
Attach		Project Partnership Contribution Form	Section 2
Attach		Landowner Willingness Form	Section 2
✓		**Riparian Specific Forms**	Section 7
✓		Riparian Habitat Cost Estimate	Section 7
Attach		Evaluation Proposal	Section 7
✓		Goals and Objectives	Section 7
		Riparian Habitat Projects Checklist	Section 7
Attach		**Maps (general vicinity & work site)**	Applicant Creates
Attach		**Project Photos**	Applicant Creates
Attach		**Other Materials (optional)**	Applicant Creates

✓ **- Items with a check mark can be entered directly into PRISM. Items marked "Attach" can be attached as document in PRISM, however if this is not possible, documents can be mailed to the IAC Office.**